



United States
Department of
Agriculture

Forest
Service

Arizona Zone
Entomology and
Pathology

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File Code: 3410
Route To:

Date: October 5, 1999

Subject: Insect Identification

To: Chris Baptista
Arizona Department of Agriculture

Enclosed are two vials containing insects collected from Gooding's willow, *Salix goodingi*, at the Bill Williams National Wildlife Refuge earlier this month. Both of these insects have been associated with an area of defoliation that covers several hundred acres. All age classes of willow are affected. The defoliation consists of skeletonizing. Personnel at the refuge indicate that they have seen both of these agents feeding. We have gone as far as determining that the caterpillar is a lepidoptera larva and the beetle is a chrysomelid but have never seen either of these insects before. Any assistance you can provide us in working towards a more definitive identification of these insects would be greatly appreciated, even a tentative identification, or a family for the lep would be useful. Thanks so much for your interest in taking a look at these! We will be visiting the affected area on Sept 20 of this month. Bob Celaya with the Arizona State Land Department is also planning on joining us as we wonder if the defoliation may affect multiple ownerships. Again thanks for your assistance with this. If you have any questions about these specimens feel free to give me a call at (520) 556-2074.

/s/ 

JILL L. WILSON
Entomologist

cc:
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